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Abstract

(54) Title: **SCREENING METHOD FOR THE SELECTION OF PEPTIDES OR PROTEINS COMPRISING DISCRETE DIMENSION ASSAYS, GENE MUTATION AND APPLICATION ASSAYS**

(57) Abstract: The present invention relates to a screening method for identifying actives (peptides or proteins) with improved performance comprising: (1) screening a library of actives encoded by nucleotide sequences in at least two different discrete dimension assays employing selected parameters and selecting the actives exhibiting improved properties in the discrete dimension assays, (2) collecting nucleotide sequences encoding the selected actives, (3) mutating collected nucleotide sequences, (4) screening actives encoded by the mutated nucleotide sequences in an application assay and selecting actives, which exhibit improved performance.

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